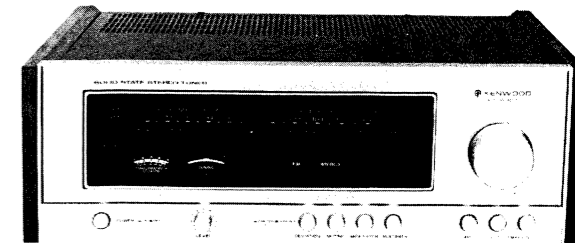


# KENWOOD

# KT7007

MODEL

CIRCUIT DIAGRAM



### SPECIFICATIONS

#### FM TUNER SECTION

Usable Sensitivity (IHF)	: 1.7 $\mu$ V
Quieting Slope	: 3 $\mu$ V 55 dB, 10 $\mu$ V 65 dB, 50 $\mu$ V 70 dB
Frequency Response	: 50 Hz ~ 15 kHz +0 dB ~ -1.5 dB
Harmonic Distortion	: 0.15% Mono (at 400 Hz 100% modulation), 0.2% Stereo (at 400 Hz 100% modulation)
Signal to Noise Ratio	: 70 dB at 1 mV input
Image Rejection	: 85 dB
Selectivity (IHF ALT channel)	: 70 dB
I/F Rejection	: 100 dB
Spurious Signal Rejection	: 90 dB
AM Suppression	: 58 dB
Capture Ratio	: 1.3 dB
Stereo Separation	: 45 dB at 1,000 Hz, 38 dB at 10,000 Hz
Sub Carrier Suppression	: 65 dB
Antenna Impedance	: 300 ohms Balanced & 75 ohms unbalanced

#### AM TUNER SECTION

Usable Sensitivity (IHF)	: 13 $\mu$ V
Signal To Noise Ratio	: 50 dB at 1 mV input
Image Rejection	: 70 dB
Selectivity (IHF)	: 30 dB
I/F Rejection	: 65 dB
Antenna	: Built-in ferrite bar antenna, External antenna terminals

#### OUTPUT VOLTAGE

FM (at 400 Hz 100% modulation)	: 1.5 V
AM (at 400 Hz 30% modulation)	: 0.15 V
Multipath Output V & H	: 0.13 V, V - 30 K ohms, H - 130 K ohms

#### GENERAL

Switches	: SELECTOR, AM, FM AUTO, FM MONO
Others	: Muting, Deviation, Multipath, MPX Filter, Output Level
Power Consumption	: 24 watts
Dimensions	: W 17-1/8" (435 mm), H 6-3/16" (157 mm), D 11-13/16" (300 mm)
Weight	: 19.1 lbs (8.7 kg)

